

2004-2005 CAPITAL BUDGET

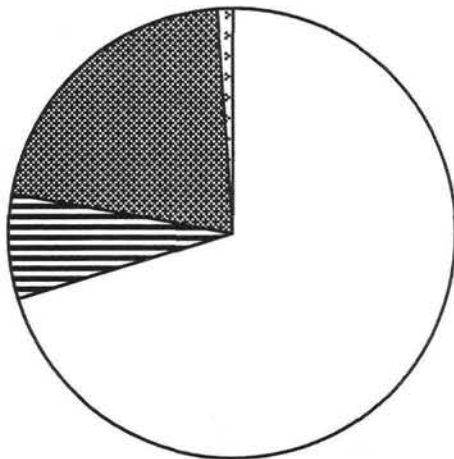
**2005-2009 CAPITAL
IMPROVEMENT PROGRAM**

**WATER
UTILITY SYSTEM**

WATER UTILITY SYSTEM CAPITAL PROGRAM

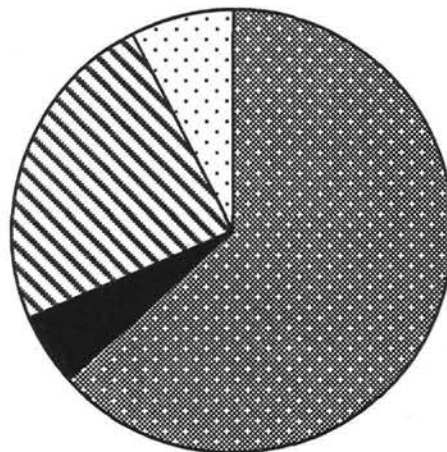
2005-2009 Capital Improvement Program

2004-2005 Adopted
Source of Funds



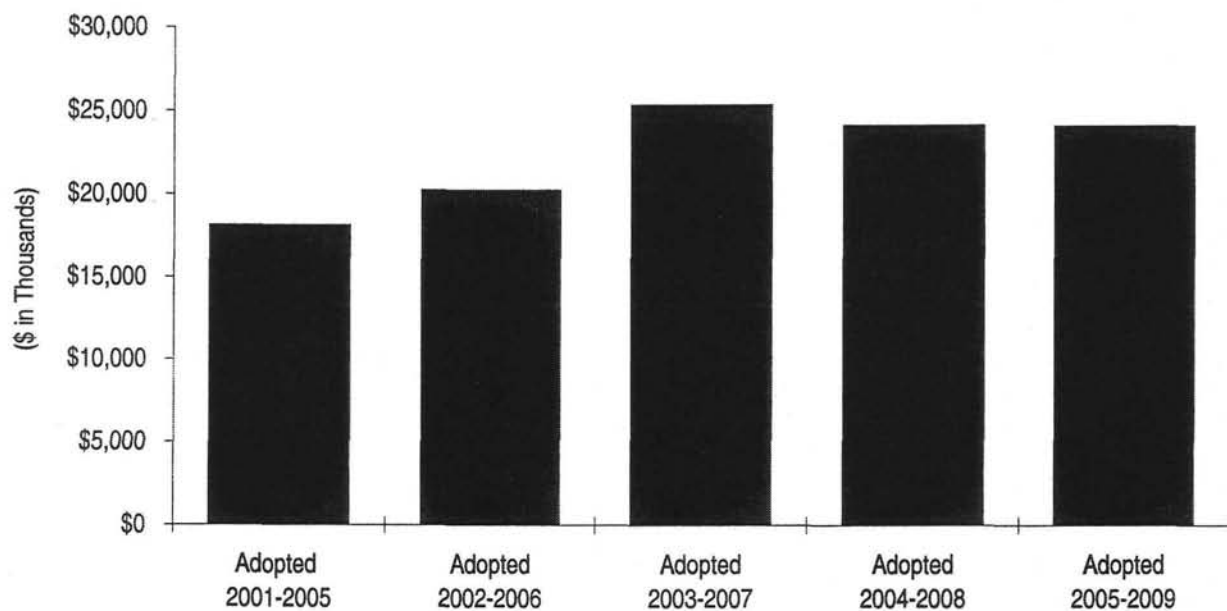
□ Beginning Fund Balance
 ▨ Taxes, Fees and Charges
 ▩ Loans & Transfers
 ▤ Miscellaneous

2004-2005 Adopted
Use of Funds



▩ Construction
 ■ Non-Construction
 ▨ Reserves
 ▤ Ending Fund Balance

CIP History



2005-2009 CAPITAL IMPROVEMENT PROGRAM

WATER UTILITY

SAN JOSE

SERVICE AREA

2004-2005 PROJECTS APPROXIMATE LOCATIONS

- A Edenvale Well #4
- B Gold Street Main Relocation
- C North Coyote Valley Water System
- D North First Street Parallel Main
- E Remington Drive Main Replacement
- F Reservoir Seismic Retrofit
- G Taffy Drive Main Replacement



Water Utility System Capital Program

2005-2009 Adopted Capital Improvement Program

Overview

Introduction

The Water Utility System Capital Program is developed to ensure reliable utility infrastructure for the San José Municipal Water System. The San José Municipal Water System provides water utility service, in accordance with State of California Department of Health Services requirements, to areas approved for development by the City Council and within the City's water service area. The program's mission is to provide superior water service at competitive rates. The 2005-2009 Adopted Capital Improvement Program (CIP) provides funding of \$24.1 million, of which \$11.6 million is allocated in 2004-2005.

This program is part of the Environmental and Utility Services City Service Area (CSA) and supports the following outcomes: *Reliable Utility Infrastructure and Safe, Reliable, Sufficient Water Supply.*

Program Priorities and Objectives

Projects are programmed, as funding allows, to provide facilities necessary for new development and to provide the fire flow pressure and volume recommended by the San José Fire Department. Projects in the 2005-2009 Adopted CIP include the construction of new facilities, maintenance of existing infrastructure, and improvements to the Water Utility System facilities. In addition, the Reserve for System Rehabilitation/Replacement Projects continues accumulating funds for future system needs. Consistent with Ordinance No. 26903, this reserve totals \$1.98 million in the 2005-2009 CIP.

The San José Municipal Water System provides water service to approximately 25,000 customers in five areas within the City of San José: Evergreen, North San José, Alviso, Edenvale, and Coyote. The Evergreen Service Area generally coincides with the boundaries of Council District 8, east of Highway 101. The North San José Service Area is north of Trimble Road, between the Guadalupe River and Coyote Creek, and is located in Council District 4. The Alviso Service Area includes the area within the corporate limits of the former City of Alviso, also in District 4. The Edenvale Service Area is south of Hellyer Avenue and east of Coyote Creek, in District 8. The Coyote Service Area (District 2) encompasses the area generally south of Tulare Hill, west of Highway 101, and north of Palm Avenue. Overall, the system growth rate was two percent in 2002-2003. This overall growth rate is anticipated to decrease to approximately one and a half percent in 2004-2005.

Sources of Funding

Revenue for the 2005-2009 Adopted CIP is derived from two sources: transfers from the Consolidated Water Utility Fund to the Water Utility Capital Fund, which primarily derives its revenue from water sales (\$10.3 million) and fees (\$5.1 million). Fee revenue from the Major Facilities Fee Fund and the Water Utility Capital Fund consists of Service Connection Fees (\$1.8 million), Advanced System Design Fees (\$1.8 million), Meter Installation Fees (\$825,000), and Major Facilities Fees (\$700,000). All fees are paid to the City by developers. Revenue projections for these are sources reflect slight increases from projections in the 2004-2008 Adopted CIP.

Water Utility System Capital Program

2005-2009 Adopted Capital Improvement Program

Overview

Sources of Funding (Cont'd.)

Over the five years of this Adopted CIP, the funds available for capital improvements are estimated to total \$24.1 million, consisting of \$19.1 million in the Water Utility Capital Fund and \$5.0 million in the Major Facilities Fee Fund. This represents an approximate decrease of \$100,000 compared to last year's Adopted CIP. This slight decrease reflects the normal fluctuation in the capital investment levels required to maintain the system in good to excellent condition.

Program Highlights

Evergreen Service Area

The Evergreen Service Area contains 92 percent or 22,676 of the total customers served by the water system. These customers account for 72 percent of the total water usage in the system. The new residential development rate in Evergreen remained at approximately two percent last year and is expected to continue at approximately the same rate for the next two years.

To meet the service needs of new developments in the Evergreen Area, the program continues its policy of requiring developers to construct distribution system improvements such as pipelines, service connections, and fire hydrants. Reservoirs, pump stations, and other large facilities, are either constructed by developers or funded from the Major Facilities Fee Fund revenues and constructed by the Municipal Water System (Any new facilities will be designed to provide service to contiguous Urban Reserve areas up to an elevation of 875 feet). System improvements for existing customers are funded from water sale revenue.

Several projects are scheduled in 2004-2005 in the Evergreen Service Area. These include the Reservoir Seismic Retrofits (\$100,000) project, which continues a multi-year program retrofitting existing reservoirs with flexible pipeline connections, projects that replace and relocate existing mains, including the Taffy Drive Main Replacement (\$250,000) and Remington Drive Main Replacement (\$520,000) projects, and other miscellaneous improvements to better protect the system during a seismic event.

North San José and Alviso Service Areas

The City is a party with 29 other suburban agencies to the Master Contract Agreement (MCA) with the City of San Francisco for water supplied by the Hetch-Hetchy system that will expire June 30, 2009. Under the Interim Water Shortage Allocation Plan developed by the parties to the MCA and approved by the City Council in April 2001, the City is now a *non-interruptible* customer for the balance of the term of the MCA. Under this plan, in the event of a drought, the Municipal Water System would receive an average of 2.65 million gallons of Hetch-Hetchy water per day. This is a 35.9% reduction from current deliveries, but is essentially the same quantity of water the system is entitled to receive at minimum under the current MCA. The City has four wells in North San José that could provide backup supply in the event Hetch-Hetchy deliveries are reduced.

The North San José/Alviso area experienced considerable industrial and commercial growth in the last several years and this trend is expected to continue, although at a lower rate. In addition to this trend, a rise in residential growth is now expected.

Water Utility System Capital Program

2005-2009 Adopted Capital Improvement Program

Overview

Program Highlights (Cont'd.)

North San José and Alviso Service Areas (Cont'd.)

Projects scheduled in the North San José and Alviso service areas include the next phase of North First Street Parallel Main and the Gold Street Main Relocation. A total of \$1.0 million is allocated to the North First Street Parallel Main project as part of the Adopted Budget. The project will construct a new 12" diameter water main on the east side of North First Street.

Funding for the Gold Street Water Main Relocation project totals \$400,000. This project relocates and upsizes the existing Gold Street Main to accommodate Hwy 237 Bridge improvements.

Edenvale Service Area

This industrial section of San José is within the expanded Edenvale Redevelopment Project area. Basic water facilities for domestic supply and fire protection for the area north of Silver Creek Valley Road include three wells and a reservoir. The Redevelopment Agency is currently working to expand the industrial area available for development south to Silicon Valley Boulevard. This expansion is within the Municipal Water System's service area. Construction of an additional well in the Edenvale area will be completed in 2004-2005. An increase in funding of \$351,000 for this project was approved in the Adopted CIP to reflect current bid prices and will result in a total project cost of \$1.1 million. Additionally, this project will be split in two phases to allow greater control of costs. This

investment will be recovered from developers as development occurs.

Coyote Service Area

City funding for developer constructed water facilities in the primarily industrial North Coyote Valley Service Area will be provided in accordance with the Master Development Agreement. A loan from the Sewage Treatment Plant Connection Fee Fund provided the initial funding for the North Coyote Valley Water System project currently underway. The repayment of the loan is programmed to begin in 2004-2005.

This project includes the rehabilitation of existing wells, installation of well pumps, design and construction of controls, piping, and enclosures at the existing Coyote Valley well sites, and construction of a new reservoir and related piping and appurtenances.

As part of the Adopted Budget an additional \$700,000 was approved to complete the North Coyote Valley Water System. Staff has been notified by the developer that the existing budget is insufficient to complete work on all three existing wells. Additional funding is necessary to complete improvements to the third well. To reduce costs as much as possible, staff has worked with the developer to reduce the project scope to the minimum acceptable level.

Water Utility System Capital Program

2005-2009 Adopted Capital Improvement Program

Overview

Major Changes from the 2004-2008 Adopted CIP

Major changes from the 2004-2008 Adopted CIP include the following:

- Additional funding in the amount of \$351,000 for the Edenvale Well #4 project to reflect current bid prices.
- New funding in the amount of \$250,000 for the Edenvale Well #13 Rehabilitation project to fund the rehabilitation of the existing well.
- New funding in the amount of \$200,000 for the Evergreen Hydraulic Model.
- New funding in the amount of \$80,000 for the Major Facilities Fee Update project to ensure fees currently being assessed are set at an appropriate level.
- New funding in the amount of \$750,000 for the Nortech Parkway East Loop Main project to fund the construction of additional water main.
- Additional funding in the amount of \$700,000 for the North Coyote Valley Water System project to provide funding to the developer for additional costs to complete the project.
- New funding in the amount of \$520,000 for the Remington Drive Main Replacement to fund the replacement and relocation of the existing main.
- New funding in the amount of \$450,000 for Security Improvements to fund additional security equipment at various facilities to meet changes in federal requirements regarding water system security.
- New funding in the amount of \$250,000 for the Villa Vista Reservoir Rehabilitation to fund the rehabilitation of an existing reservoir.
- New funding in the amount of \$250,000 for the Water Valve Rehabilitation project to ensure all water valves in the field are functioning properly.

Operating Budget Impact

One project in the 2005-2009 Adopted CIP will have an impact on the operating budget, which is entirely supported by the Consolidated Water Utility Fund. The following table shows the net impact of this project. All projects anticipated to be operational in 2004-2005 have been addressed in the 2004-2005 Adopted Operating Budget.

Net Operating Budget Impact Summary

	<u>2005-2006</u>	<u>2006-2007</u>	<u>2007-2008</u>	<u>2008-2009</u>
North Coyote Valley Water System	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000

Note: The estimated operating costs have been provided by the Environmental Services Department and have not yet been fully analyzed by the Budget Office. That analysis may well result in different costs when the actual budget for the year in question is formulated.

Water Utility System Capital Program
2005-2009 Adopted Capital Improvement Program
Overview

**Council Approved Revisions to the
Proposed Capital Improvement Program**

During the June budget hearings, the City Council approved the rebudgeting of \$2,194,000 of unexpended funds for the North Coyote Valley Water System project.

2004-2005 CAPITAL BUDGET

2005-2009 CAPITAL IMPROVEMENT PROGRAM

WATER UTILITY SYSTEM

SOURCE OF FUNDS

USE OF FUNDS

2004-2005 USE OF FUNDS BY FUNDING SOURCE

The Source of Funds displays the capital revenues by funding source for each year of the Five-Year Capital Improvement Program. The Use of Funds displays the capital expenditures by line-item for each year of the five-year period. The 2004-2005 Use of Funds by Funding Source displays the funding sources for the capital expenditures that are budgeted in 2004-2005.

Water Utility System Capital Program
2005-2009 Adopted Capital Improvement Program
Source of Funds

	Estimated 2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	5-Year Total
<u>SOURCE OF FUNDS</u>							
<u>Water Utility Capital Fund</u>							
Beginning Fund Balance	7,708,664	4,176,202	266,202	274,202	330,202	304,202	4,176,202 *
Taxes, Fees & Charges:							
<u>Water Utility Fees</u>							
- Advance System Design Fees	240,000	300,000	360,000	380,000	390,000	400,000	1,830,000
- Meter Installation Fees	100,000	150,000	150,000	150,000	175,000	200,000	825,000
- Service Connection Fees	325,000	330,000	340,000	350,000	360,000	370,000	1,750,000
Contributions, Loans and Transfers from:							
<u>Special Funds</u>							
- Transfer from Water Utility Fund	1,470,000	2,466,000	2,227,000	1,900,000	1,900,000	1,760,000	10,253,000
Interest Income	181,000	52,000	48,000	53,000	58,000	58,000	269,000
Reserve for Encumbrances	1,004,538						
Total Water Utility Capital Fund	11,029,202	7,474,202	3,391,202	3,107,202	3,213,202	3,092,202	19,103,202 *
<u>Major Facilities Fund</u>							
Beginning Fund Balance	4,284,637	3,992,637	610,637	772,637	936,637	751,637	3,992,637 *
Taxes, Fees & Charges:							
<u>Major Water Facilities Fees</u>	100,000	100,000	150,000	150,000	150,000	150,000	700,000
Interest Income	113,000	71,000	54,000	58,000	63,000	46,000	292,000
Reserve for Encumbrances							
Total Major Facilities Fund	4,497,637	4,163,637	814,637	980,637	1,149,637	947,637	4,984,637 *
TOTAL SOURCE OF FUNDS	15,526,839	11,637,839	4,205,839	4,087,839	4,362,839	4,039,839	24,087,839 *

* The 2005-2006 through 2008-2009 Beginning Balances are excluded from the FIVE-YEAR TOTAL SOURCE OF FUNDS to avoid multiple counting of the same funds.

Water Utility System Capital Program
2005-2009 Adopted Capital Improvement Program

Use of Funds

	Estimated 2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	5-Year Total
USE OF FUNDS							
Construction Projects							
Edenvale Reservoir Site Improvements	177,000						
Edenvale Well #13 Rehabilitation			45,000	205,000			250,000
Montague Turnout						325,000	325,000
Nortech Parkway East Loop Main					100,000	650,000	750,000
North San Jose Well Site Improvements			180,000				180,000
Norwood Pump Station Replacement				50,000	750,000		800,000
Villa Vista Reservoir Rehabilitation				40,000	210,000		250,000
Water Valve Rehabilitation			250,000				250,000
1. Edenvale Well #4	287,000	800,000					800,000
2. Gold Street Main Relocation	100,000	400,000					400,000
3. Infrastructure Improvements	401,000	400,000	400,000	400,000	420,000	440,000	2,060,000
4. Meter Installations	249,000	300,000	300,000	300,000	300,000	320,000	1,520,000
5. North Coyote Valley Water System	3,807,000	2,894,000					2,894,000
6. North First Street Parallel Main	75,000	825,000				200,000	1,025,000
7. Remington Drive Main Replacement		520,000					520,000
8. Reservoir Seismic Retrofit	65,000	100,000	100,000	100,000			300,000
9. Security Improvements		150,000	150,000	150,000			450,000
10. Service Installations	610,000	330,000	340,000	350,000	360,000	370,000	1,750,000
11. System Maintenance/Repairs	711,000	400,000	420,000	430,000	450,000	470,000	2,170,000
12. Taffy Drive Main Replacement		250,000					250,000
Total Construction Projects	6,482,000	7,369,000	2,185,000	2,025,000	2,590,000	2,775,000	16,944,000

Water Utility System Capital Program
2005-2009 Adopted Capital Improvement Program

Use of Funds

USE OF FUNDS (CONT'D.)	Estimated 2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	5-Year Total
<u>Non-Construction</u>							
General Non-Construction							
Budget Office Capital Program Staff	15,000	16,000	17,000	19,000	20,000	21,000	93,000
CIP Action Team	38,000	41,000	33,000	35,000	42,000	48,000	199,000
Evergreen Hydraulic Model			200,000				200,000
Information Technology Staff	32,000	27,000	17,000	18,000	19,000	20,000	101,000
Major Facilities Fee Administration	15,000	15,000	15,000	15,000	15,000	15,000	75,000
Water Billing Software & Networking	150,000						
Water Management System Enhancements	200,000						
13. Advance System Design	320,000	300,000	360,000	380,000	390,000	400,000	1,830,000
14. Major Water Facility Fee Update		80,000					80,000
15. Master Plan Engineering	56,000	60,000	60,000	60,000	70,000	75,000	325,000
16. Network System Flow Improvements	50,000	30,000	30,000	25,000	15,000	5,000	105,000
17. Preliminary Engineering		40,000	42,000	44,000	46,000	48,000	220,000
Total General Non-Construction	876,000	609,000	774,000	596,000	617,000	632,000	3,228,000
Reserves							
18. Reserve For System Growth Related Projects		1,400,000					1,400,000
19. Reserve for System Rehabilitation/Replacement		1,383,000	200,000	200,000	100,000	100,000	1,983,000
Total Reserves		2,783,000	200,000	200,000	100,000	100,000	3,383,000
Total Non-Construction	876,000	3,392,000	974,000	796,000	717,000	732,000	6,611,000
Ending Fund Balance	8,168,839	876,839	1,046,839	1,266,839	1,055,839	532,839	532,839*

Water Utility System Capital Program
2005-2009 Adopted Capital Improvement Program

Use of Funds

<u>USE OF FUNDS</u> (CONT'D.)	<u>Estimated 2003-2004</u>	<u>2004-2005</u>	<u>2005-2006</u>	<u>2006-2007</u>	<u>2007-2008</u>	<u>2008-2009</u>	<u>5-Year Total</u>
TOTAL USE OF FUNDS	15,526,839	11,637,839	4,205,839	4,087,839	4,362,839	4,039,839	24,087,839*

* The 2004-2005 through 2007-2008 Ending Balances are excluded from the FIVE-YEAR TOTAL USE OF FUNDS to avoid multiple counting of same funds.

Water Utility System Capital Program
2005-2009 Adopted Capital Improvement Program
2004-2005 Use of Funds by Funding Source

	(500)	(502)	Total
	Water Utility Capital Fund	Major Facilities Fund	
TOTAL RESOURCES	7,474,202	4,163,637	11,637,839
<u>Construction Projects</u>			
1. Edenvale Well #4		800,000	800,000
2. Gold Street Main Relocation		400,000	400,000
3. Infrastructure Improvements	400,000		400,000
4. Meter Installations	300,000		300,000
5. North Coyote Valley Water System	2,894,000		2,894,000
6. North First Street Parallel Main		825,000	825,000
7. Remington Drive Main Replacement	520,000		520,000
8. Reservoir Seismic Retrofit	100,000		100,000
9. Security Improvements	150,000		150,000
10. Service Installations	330,000		330,000
11. System Maintenance/Repairs	400,000		400,000
12. Taffy Drive Main Replacement	250,000		250,000
Total Construction Projects	5,344,000	2,025,000	7,369,000
<u>Non-Construction</u>			
General Non-Construction			
Budget Office Capital Program Staff	10,000	6,000	16,000
CIP Action Team	19,000	22,000	41,000
Information Technology Staff	22,000	5,000	27,000
Major Facilities Fee Administration		15,000	15,000
13. Advance System Design	300,000		300,000
14. Major Water Facility Fee Update		80,000	80,000
15. Master Plan Engineering	60,000		60,000

Water Utility System Capital Program
2005-2009 Adopted Capital Improvement Program
2004-2005 Use of Funds by Funding Source

	(500)	(502)	Total
	Water Utility Capital Fund	Major Facilities Fund	
<hr/>			
<u>Non-Construction</u>			
General Non-Construction			
16. Network System Flow Improvements	30,000		30,000
17. Preliminary Engineering	40,000		40,000
Total General Non-Construction	481,000	128,000	609,000
Reserves			
18. Reserve For System Growth Related Projects		1,400,000	1,400,000
19. Reserve for System Rehabilitation/Replacement	1,383,000		1,383,000
Total Reserves	1,383,000	1,400,000	2,783,000
Total Non-Construction	1,864,000	1,528,000	3,392,000
Ending Fund Balance	266,202	610,637	876,839
TOTAL USE OF FUNDS	7,474,202	4,163,637	11,637,839

2004-2005 CAPITAL BUDGET

2005-2009 CAPITAL IMPROVEMENT PROGRAM

WATER UTILITY SYSTEM

DETAIL OF CAPITAL PROJECTS

The Detail of Capital Projects section provides information on the individual capital projects with funding in 2004-2005, including the following: project name, City Service Area (CSA) and CSA Outcome supported by the project, responsible department, Council District, project location, project description, project start and completion dates, project justification, project costs by type of expenditure, funding sources for the project, and the annual operating budget impact. On the Use of Funds statement, these projects are numbered.

Water Utility System Capital Program

2005-2009 Adopted Capital Improvement Program

Detail of Capital Projects

1. Edenvale Well #4

CSA:	Environmental and Utility Services	Initial Start Date: 3rd Qtr. 2001
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date: 3rd Qtr. 2002
	Safe, Reliable, and Sufficient Water Supply	Initial Completion Date: 2nd Qtr. 2003
Department:	Environmental Services	Revised Completion Date: 2th Qtr. 2005
Council District:	2	
Location:	Hellyer Avenue south of Silver Creek Valley Road	
Description:	This project includes the development of a fourth well site in the Edenvale area to serve new development.	
Justification:	This project is necessary to meet growing system demands and improve system efficiency and reliability.	

EXPENDITURE SCHEDULE (000'S)

Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Design	14	49	49								63
Bid & Award		5	5								5
Construction		681	233	800					800		1,033
TOTAL	14	735	287	800					800		1,101

FUNDING SOURCE SCHEDULE (000'S)

Major Facilities Fund	14	735	287	800					800		1,101
TOTAL	14	735	287	800					800		1,101

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

2005-2009 CIP - increase of \$351,000 to construction costs to reflect current bid prices.

Notes:

FY Initiated:	2001-2002	Redevelopment Area:	N/A
Initial Project Budget:	\$750,000	SNI Area:	N/A
Appn. #:	4195		

Water Utility System Capital Program

2005-2009 Adopted Capital Improvement Program

Detail of Capital Projects

2. Gold Street Main Relocation

CSA:	Environmental and Utility Services	Initial Start Date: 3rd Qtr. 2003
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:
Department:	Environmental Services	Initial Completion Date: 4th Qtr. 2005
Council District:	4	Revised Completion Date:
Location:	Route 237 at the Guadalupe River	

Description: This project relocates a portion of the Gold Street Water Main to accomodate Santa Clara Valley Water District improvements to the Guadalupe River Channel to accomodate increases in storm flow related to growth.

Justification: This project is necessary to meet growing system demands and improve system efficiency and reliability.

EXPENDITURE SCHEDULE (000'S)										
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Project Total
Design		100	100							100
Construction		400		400					400	400
TOTAL		500	100	400					400	500

FUNDING SOURCE SCHEDULE (000'S)										
Major Facilities Fund		500	100	400					400	500
TOTAL		500	100	400					400	500

ANNUAL OPERATING BUDGET IMPACT (000'S)										
None										

Major Changes in Project Cost:
None

Notes:

FY Initiated:	2003-2004	Redevelopment Area:	N/A
Initial Project Budget:	\$500,000	SNI Area:	N/A
Appn. #:	4738		

Water Utility System Capital Program

2005-2009 Adopted Capital Improvement Program

Detail of Capital Projects

3. Infrastructure Improvements

CSA:	Environmental and Utility Services	Initial Start Date:	Ongoing
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Environmental Services	Initial Completion Date:	Ongoing
Council District:	2, 4, 7, 8	Revised Completion Date:	
Location:	System-wide		

Description: This project will replace and/or refurbish pumps, motors, valves, electrical control mechanisms, generators, and water mains that are nearing the end of their useful lives. Selection and scope of each year's project will be based on previous year's maintenance needs.

Justification: Mechanical equipment requires replacement at the end of its service life.

EXPENDITURE SCHEDULE (000'S)										
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year
Construction		400	401	400	400	400	420	440	2,060	
TOTAL		400	401	400	400	400	420	440	2,060	
FUNDING SOURCE SCHEDULE (000'S)										
Water Utility Capital Fund		400	401	400	400	400	420	440	2,060	
TOTAL		400	401	400	400	400	420	440	2,060	
ANNUAL OPERATING BUDGET IMPACT (000'S)										

None

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:	Ongoing	Redevelopment Area:	N/A
Initial Project Budget:		SNI Area:	N/A
Appn. #:	5366		

Water Utility System Capital Program

2005-2009 Adopted Capital Improvement Program

Detail of Capital Projects

4. Meter Installations

CSA:	Environmental and Utility Services	Initial Start Date:	Ongoing
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Environmental Services	Initial Completion Date:	Ongoing
Council District:	2, 4, 7, 8	Revised Completion Date:	
Location:	System-wide		

Description: This allocation provides funds to purchase, test, and install water meters for new developments and customers.

Justification: This annual project is needed to provide service to new customers.

EXPENDITURE SCHEDULE (000'S)										
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year
Construction		249	249	300	300	300	300	320	1,520	
TOTAL		249	249	300	300	300	300	320	1,520	
FUNDING SOURCE SCHEDULE (000'S)										
Water Utility Capital Fund		249	249	300	300	300	300	320	1,520	
TOTAL		249	249	300	300	300	300	320	1,520	
ANNUAL OPERATING BUDGET IMPACT (000'S)										
None										

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:	Ongoing	Redevelopment Area:	N/A
Initial Project Budget:		SNI Area:	N/A
Appn. #:	4347		

Water Utility System Capital Program

2005-2009 Adopted Capital Improvement Program

Detail of Capital Projects

5. North Coyote Valley Water System

CSA: Environmental and Utility Services **Initial Start Date:** 4th Qtr. 1999
CSA Outcome: Reliable Utility Infrastructure **Revised Start Date:** 2nd Qtr. 2001
 Safe, Reliable, and Sufficient Water Supply **Initial Completion Date:** 2nd Qtr. 2004
Department: Environmental Services **Revised Completion Date:** 3rd Qtr. 2004
Council District: 2
Location: Bailey Avenue/Santa Teresa Boulevard

Description: This project provides funds for the rehabilitation of existing wells; installation of well pumps, design and construction of controls, piping, and enclosures at the existing Coyote Valley well sites, and construction of a new reservoir and related piping and appurtenances.

Justification: The existing facilities will be developed to serve projected demands in Coyote Valley consistent with the Master Development Agreement.

EXPENDITURE SCHEDULE (000'S)

Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Design	988										988
Construction		6,001	3,807	2,894					2,894		6,701
TOTAL	988	6,001	3,807	2,894					2,894		7,689

FUNDING SOURCE SCHEDULE (000'S)

Water Utility Capital Fund	988	6,001	3,807	2,894					2,894		7,689
TOTAL	988	6,001	3,807	2,894					2,894		7,689

ANNUAL OPERATING BUDGET IMPACT (000'S)

Debt Service					700	700	700	700			
TOTAL					700	700	700	700			

Major Changes in Project Cost:

2005-2009 CIP - increase of \$700,000 to address increased construction costs. Staff has been notified by the developer's project manager that additional funding is required to complete improvements to the third well.

Notes:

Debt Service costs reflect the payback of a \$5.1 million loan from the Sewage Treatment Plant Connection Fee Fund, anticipated to be paid in full in approximately 8 years. This initial investment will be more than recovered by future revenues, and will positively impact the City in future years.

FY Initiated: 2000-2001 **Redevelopment Area:** N/A
Initial Project Budget: \$7,000,000 **SNI Area:** N/A
Appn. #: 6808

Water Utility System Capital Program

2005-2009 Adopted Capital Improvement Program

Detail of Capital Projects

6. North First Street Parallel Main

CSA:	Environmental and Utility Services	Initial Start Date: 3rd Qtr. 2003
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:
Department:	Environmental Services	Initial Completion Date: 2nd Qtr. 2005
Council District:	4	Revised Completion Date:
Location:	Montague Expressway to River Oaks Drive	
Description:	The entire project will be constructed in four segments of approximately 5,000 feet each. The current phase, Phase II, includes the construction of a 12-inch diameter water main on the east side of North First Street, parallel to the existing 18-inch techite main.	
Justification:	The existing techite water main has proven to be unreliable.	

EXPENDITURE SCHEDULE (000'S)										
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year
Design		75	75					200	200	275
Construction	798			825					825	1,450
TOTAL	798	75	75	825				200	1,025	3,348
FUNDING SOURCE SCHEDULE (000'S)										
Major Facilities Fund	798	75	75	825				200	1,025	1,450
TOTAL	798	75	75	825				200	1,025	3,348
ANNUAL OPERATING BUDGET IMPACT (000'S)										
None										

Major Changes in Project Cost:

1999-2003 CIP - increase of \$2.7 million to reflect scope changes to include additional phases.

Notes:

The Initial Start/End dates reflect Phase II of the four phase project.

FY Initiated:	2003-2004	Redevelopment Area:	N/A
Initial Project Budget:	\$900,000	SNI Area:	N/A
Appn. #:	6072		

Water Utility System Capital Program

2005-2009 Adopted Capital Improvement Program

Detail of Capital Projects

7. Remington Drive Main Replacement

CSA:	Environmental and Utility Services	Initial Start Date: 3rd Qtr. 2004
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:
Department:	Environmental Services	Initial Completion Date: 2nd Qtr. 2005
Council District:	8	Revised Completion Date:
Location:	White Road to Haughton Drive	

Description: This project includes the replacement and relocation of approximately 1,450 feet of 8-inch steel water main.

Justification: The water line is reaching the end of its useful life. Due to the high frequency of water leaks on this main, the pipeline is being relocated out of the parkstrip area to preserve older street trees.

EXPENDITURE SCHEDULE (000'S)

Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Design				40					40		40
Bid & Award				5					5		5
Construction				475					475		475
TOTAL				520					520		520

FUNDING SOURCE SCHEDULE (000'S)

Water Utility Capital Fund				520					520		520
TOTAL				520					520		520

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

None

Notes:

FY Initiated: 2004-2005
Initial Project Budget: \$520,000
Appn. #: 4953

Redevelopment Area: N/A
SNI Area: N/A

Water Utility System Capital Program

2005-2009 Adopted Capital Improvement Program

Detail of Capital Projects

8. Reservoir Seismic Retrofit

CSA:	Environmental and Utility Services	Initial Start Date:	Multi-phase
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Environmental Services	Initial Completion Date:	Multi-phase
Council District:	2, 4, 7, 8	Revised Completion Date:	
Location:	System-wide		

Description: This project will retrofit existing reservoirs over the next five years with flexible pipeline connections and other miscellaneous improvements to better protect the system during seismic events.

Justification: Seismic events can cause reservoirs to move relative to system piping. Flexible couplings are needed to protect both the reservoir and system piping from damage.

EXPENDITURE SCHEDULE (000'S)										
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Project Total
Design	10	45	25	25	25	25			75	110
Construction	24	120	40	75	75	75			225	289
TOTAL	34	165	65	100	100	100			300	399

FUNDING SOURCE SCHEDULE (000'S)										
Water Utility Capital Fund	34	165	65	100	100	100			300	399
TOTAL	34	165	65	100	100	100			300	399

ANNUAL OPERATING BUDGET IMPACT (000'S)										
None										

Major Changes in Project Cost:

2005-2009 CIP - decrease of \$100,000 to reflect revised cost estimates and anticipated project savings.

Notes:

This project consists of multiple smaller projects.

FY Initiated:	2000-2001	Redevelopment Area:	N/A
Initial Project Budget:	\$500,000	SNI Area:	N/A
Appn. #:	6731		

Water Utility System Capital Program

2005-2009 Adopted Capital Improvement Program

Detail of Capital Projects

9. Security Improvements

CSA: Environmental and Utility Services
CSA Outcome: Reliable Utility Infrastructure
 Safe, Reliable, and Sufficient Water Supply
Department: Environmental Services
Council District: 2, 4, 7, 8
Location: System-wide

Initial Start Date: 3rd Qtr. 2004
Revised Start Date:
Initial Completion Date: 2nd Qtr. 2007
Revised Completion Date:

Description: This project includes the installation of additional security equipment at various system facilities.

Justification: This project is necessary due to changes in federal requirements regarding water system security.

EXPENDITURE SCHEDULE (000'S)										
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year
Design				25	25	25			75	75
Construction				125	125	125			375	375
TOTAL				150	150	150			450	450

FUNDING SOURCE SCHEDULE (000'S)										
Water Utility Capital Fund				150	150	150			450	450
TOTAL				150	150	150			450	450

ANNUAL OPERATING BUDGET IMPACT (000'S)										
None										

Major Changes in Project Cost:

None

Notes:

FY Initiated: 2004-2005
Initial Project Budget: \$450,000
Appn. #: 4299

Redevelopment Area: N/A
SNI Area: N/A

Water Utility System Capital Program
2005-2009 Adopted Capital Improvement Program
Detail of Capital Projects

10. Service Installations

CSA:	Environmental and Utility Services	Initial Start Date:	Ongoing
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Environmental Services	Initial Completion Date:	Ongoing
Council District:	2, 4, 7, 8	Revised Completion Date:	
Location:	System-wide		

Description: This project provides funding for the installation of connections between water mains and meters, and the extension of existing water mains.

Justification: As development proceeds in the City, connections between water mains and meters are required to service new customers.

EXPENDITURE SCHEDULE (000'S)										
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year
Construction		700	610	330	340	350	360	370	1,750	
TOTAL		700	610	330	340	350	360	370	1,750	
FUNDING SOURCE SCHEDULE (000'S)										
Water Utility Capital Fund		700	610	330	340	350	360	370	1,750	
TOTAL		700	610	330	340	350	360	370	1,750	
ANNUAL OPERATING BUDGET IMPACT (000'S)										
None										

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:	Ongoing	Redevelopment Area:	N/A
Initial Project Budget:		SNI Area:	N/A
Appn. #:	4348		

Water Utility System Capital Program

2005-2009 Adopted Capital Improvement Program

Detail of Capital Projects

11. System Maintenance/Repairs

CSA:	Environmental and Utility Services	Initial Start Date:	Ongoing
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Environmental Services	Initial Completion Date:	Ongoing
Council District:	2, 4, 7, 8	Revised Completion Date:	
Location:	System-wide		

Description: This project funds emergency and miscellaneous repairs in the distribution system.

Justification: The distribution system requires repairs as a result of line breakage or valve malfunction. This project will provide for repairs to avoid property damage and restore service promptly.

EXPENDITURE SCHEDULE (000'S)

Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Construction		631	711	400	420	430	450	470	2,170		
TOTAL		631	711	400	420	430	450	470	2,170		

FUNDING SOURCE SCHEDULE (000'S)

Water Utility Capital Fund		631	711	400	420	430	450	470	2,170		
TOTAL		631	711	400	420	430	450	470	2,170		

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:	Ongoing	Redevelopment Area:	N/A
Initial Project Budget:		SNI Area:	N/A
Appn. #:	5876		

Water Utility System Capital Program
2005-2009 Adopted Capital Improvement Program
Detail of Capital Projects

12. Taffy Drive Main Replacement

CSA:	Environmental and Utility Services	Initial Start Date: 3rd Qtr. 2004
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:
Department:	Environmental Services	Initial Completion Date: 2nd Qtr. 2005
Council District:	8	Revised Completion Date:
Location:	White Road to Peppermint Drive	

Description: This project includes the replacement and relocation of an existing water main on Taffy Drive.

Justification: The existing water main has a history of excessive water leaks.

EXPENDITURE SCHEDULE (000'S)											
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Design				25					25		25
Bid & Award				5					5		5
Construction				220					220		220
TOTAL				250					250		250

FUNDING SOURCE SCHEDULE (000'S)			
Water Utility Capital Fund	250	250	250
TOTAL	250	250	250

ANNUAL OPERATING BUDGET IMPACT (000'S)										
None										

Major Changes in Project Cost:

None

Notes:

FY Initiated:	2004-2005	Redevelopment Area:	N/A
Initial Project Budget:	\$250,000	SNI Area:	N/A
Appn. #:	4954		

Water Utility System Capital Program

2005-2009 Adopted Capital Improvement Program

Detail of Capital Projects

13. Advance System Design

CSA:	Environmental and Utility Services	Initial Start Date:	Ongoing
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Environmental Services	Initial Completion Date:	Ongoing
Council District:	2, 4, 7, 8	Revised Completion Date:	
Location:	System-wide		

Description: This allocation funds the design, engineering, and inspection for new developments connecting to the Water Utility System.

Justification: This annual allocation is necessary to accommodate ongoing development and the expenditures are reimbursed by developers.

EXPENDITURE SCHEDULE (000'S)											
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Advanced Planning		320	320	300	360	380	390	400	1,830		
TOTAL		320	320	300	360	380	390	400	1,830		
FUNDING SOURCE SCHEDULE (000'S)											
Water Utility Capital Fund		320	320	300	360	380	390	400	1,830		
TOTAL		320	320	300	360	380	390	400	1,830		
ANNUAL OPERATING BUDGET IMPACT (000'S)											
None											

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:	Ongoing	Redevelopment Area:	N/A
Initial Project Budget:		SNI Area:	N/A
Appn. #:	4346		

Water Utility System Capital Program
2005-2009 Adopted Capital Improvement Program
Detail of Capital Projects

14. Major Water Facility Fee Update

CSA: Environmental and Utility Services **Initial Start Date:** 3rd Qtr. 2004
CSA Outcome: Reliable Utility Infrastructure **Revised Start Date:**
Department: Environmental Services **Initial Completion Date:** 2nd Qtr. 2005
Council District: 2, 4, 7, 8 **Revised Completion Date:**
Location: System-wide

Description: This project provides funding to evaluate the Major Water Facility Fees currently being assessed to ensure that fees are set at an appropriate level.

Justification: This project would ensure compliance with regulations relative to special fees.

EXPENDITURE SCHEDULE (000'S)											
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Master Plan/Study				80					80		80
TOTAL				80					80		80
FUNDING SOURCE SCHEDULE (000'S)											
Major Facilities Fund				80					80		80
TOTAL				80					80		80
ANNUAL OPERATING BUDGET IMPACT (000'S)											
None											

Major Changes in Project Cost:

None

Notes:

FY Initiated: 2004-2005 **Redevelopment Area:** N/A
Initial Project Budget: \$80,000 **SNI Area:** N/A
Appn. #: 4955

Water Utility System Capital Program

2005-2009 Adopted Capital Improvement Program

Detail of Capital Projects

15. Master Plan Engineering

CSA:	Environmental and Utility Services	Initial Start Date:	Ongoing
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Environmental Services	Initial Completion Date:	Ongoing
Council District:	2, 4, 7, 8	Revised Completion Date:	
Location:	System-wide		

Description: This ongoing allocation is used to update the Water System Master Plan based on anticipated development and customer consumption data.

Justification: Project is needed to update system-wide plans.

EXPENDITURE SCHEDULE (000'S)										
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year
Master Plan/Study		56	56	60	60	60	70	75	325	
TOTAL		56	56	60	60	60	70	75	325	
FUNDING SOURCE SCHEDULE (000'S)										
Water Utility Capital Fund		56	56	60	60	60	70	75	325	
TOTAL		56	56	60	60	60	70	75	325	
ANNUAL OPERATING BUDGET IMPACT (000'S)										
None										

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:	Ongoing	Redevelopment Area:	N/A
Initial Project Budget:		SNI Area:	N/A
Appn. #:	4349		

Water Utility System Capital Program

2005-2009 Adopted Capital Improvement Program

Detail of Capital Projects

16. Network System Flow Improvements

CSA:	Environmental and Utility Services	Initial Start Date:	Ongoing
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Environmental Services	Initial Completion Date:	Ongoing
Council District:	2, 4, 7, 8	Revised Completion Date:	
Location:	System-wide		

Description: Computer analysis of the water distribution system is used to determine available flow at the fire hydrants. Modeling of the System's reservoirs, pump stations, and distribution facilities is done using the University of Kentucky's water system analysis software.

Justification: This project identifies water mains for network flow improvements on an ongoing basis. This information is used to schedule replacement of existing facilities, or construct new facilities that will upgrade pressure and volume for flow during maximum demand.

EXPENDITURE SCHEDULE (000'S)

Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Advanced Planning		50	50	30	30	25	15	5	105		
TOTAL		50	50	30	30	25	15	5	105		

FUNDING SOURCE SCHEDULE (000'S)

Water Utility Capital Fund		50	50	30	30	25	15	5	105		
TOTAL		50	50	30	30	25	15	5	105		

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:	Ongoing	Redevelopment Area:	N/A
Initial Project Budget:		SNI Area:	N/A
Appn. #:	4350		

Water Utility System Capital Program
2005-2009 Adopted Capital Improvement Program
Detail of Capital Projects

17. Preliminary Engineering

CSA: Environmental and Utility Services **Initial Start Date:** Ongoing
CSA Outcome: Reliable Utility Infrastructure **Revised Start Date:**
Department: Environmental Services **Initial Completion Date:** Ongoing
Council District: 2, 4, 7, 8 **Revised Completion Date:**
Location: System-wide

Description: This project provides funds for project development in early stages of planning.

Justification: This project facilitates cost-effective planning of the Municipal Water System infrastructure.

EXPENDITURE SCHEDULE (000'S)											
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Advanced Planning				40	42	44	46	48	220		
TOTAL				40	42	44	46	48	220		
FUNDING SOURCE SCHEDULE (000'S)											
Water Utility Capital Fund				40	42	44	46	48	220		
TOTAL				40	42	44	46	48	220		
ANNUAL OPERATING BUDGET IMPACT (000'S)											
None											

Major Changes in Project Cost:

N/A

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated: Ongoing **Redevelopment Area:** N/A
Initial Project Budget: **SNI Area:** N/A
Appn. #: 4952

Water Utility System Capital Program
2005-2009 Adopted Capital Improvement Program
Detail of Capital Projects

18. Reserve For System Growth Related Projects

CSA:	Environmental and Utility Services	Initial Start Date:	N/A
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Environmental Services	Initial Completion Date:	N/A
Council District:	2, 4, 7, 8	Revised Completion Date:	
Location:	System-wide		

Description: This reserve sets aside funds for acquisition of property and the construction of facilities to accommodate future system growth and development.

Justification: With new growth and development, additional land and water facilities, such as pump stations and reservoirs, will be necessary to expand the system.

EXPENDITURE SCHEDULE (000'S)											
Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Reserve		2,000		1,400					1,400		1,400
TOTAL		2,000		1,400					1,400		1,400

FUNDING SOURCE SCHEDULE (000'S)				
Major Facilities Fund	2,000	1,400	1,400	1,400
TOTAL	2,000	1,400	1,400	1,400

ANNUAL OPERATING BUDGET IMPACT (000'S)										
None										

Major Changes in Project Cost:

None

Notes:

FY Initiated:	2002-2003	Redevelopment Area:	N/A
Initial Project Budget:		SNI Area:	N/A
Appn. #:	7892		

Water Utility System Capital Program

2005-2009 Adopted Capital Improvement Program

Detail of Capital Projects

19. Reserve for System Rehabilitation/Replacement

CSA:	Environmental and Utility Services	Initial Start Date:	N/A
CSA Outcome:	Reliable Utility Infrastructure	Revised Start Date:	
Department:	Environmental Services	Initial Completion Date:	N/A
Council District:	2, 4, 7, 8	Revised Completion Date:	
Location:	System-wide		

Description: This reserve sets aside funds for rehabilitation and/or replacement of existing facilities.

Justification: Existing facilities, such as pipelines, pump stations and reservoirs, will eventually need replacement or rehabilitation. This reserve allows funds to accumulate for this purpose consistent with Ordinance No. 26903.

EXPENDITURE SCHEDULE (000'S)

Cost Elements	Prior Years	2003-04 Appn.	2003-04 Estimate	2004-05	2005-06	2006-07	2007-08	2008-09	5-Year Total	Beyond 5-Year	Project Total
Reserve		1,000		1,383	200	200	100	100	1,983		1,983
TOTAL		1,000		1,383	200	200	100	100	1,983		1,983

FUNDING SOURCE SCHEDULE (000'S)

Water Utility Capital Fund		1,000		1,383	200	200	100	100	1,983		1,983
TOTAL		1,000		1,383	200	200	100	100	1,983		1,983

ANNUAL OPERATING BUDGET IMPACT (000'S)

None

Major Changes in Project Cost:

None

Notes:

Project schedule dates and selected budget information are not provided due to the ongoing nature of this project.

FY Initiated:	2003-2004	Redevelopment Area:	N/A
Initial Project Budget:		SNI Area:	N/A
Appn. #:	7011		

2004-2005 CAPITAL BUDGET

2005-2009 CAPITAL IMPROVEMENT PROGRAM

WATER UTILITY SYSTEM

SUMMARY OF PROJECTS THAT START AFTER 2004-2005

The Summary of Projects that Start after 2004-2005 includes those projects that have funding budgeted starting after 2004-2005. On the Use of Funds statement, the projects in this summary are not numbered.

Water Utility System Capital Program
2005-2009 Adopted Capital Improvement Program
Summary of Projects that Start after 2004-2005

Project Name: Edenvale Well #13 Rehabilitation
5-Year CIP Budget: \$250,000
Total Budget: \$250,000
Council District: 2

Initial Start Date: 3rd Qtr. 2005
Revised Start Date:
Initial End Date: 2nd Qtr. 2007
Revised End Date:

Description: This project will rehabilitate the existing well and casing and will install new pumps and motors.

Project Name: Evergreen Hydraulic Model
5-Year CIP Budget: \$200,000
Total Budget: \$200,000
Council District: 7, 8

Initial Start Date: 3rd Qtr. 2005
Revised Start Date:
Initial End Date: 2nd Qtr. 2006
Revised End Date:

Description: This project funds the development of a hydraulic model for the Evergreen service area using existing software.

Project Name: Montague Turnout
5-Year CIP Budget: \$325,000
Total Budget: \$5,925,000
Council District: 4

Initial Start Date: 3rd Qtr. 2008
Revised Start Date:
Initial End Date: 1st Qtr. 2012
Revised End Date:

Description: This project involves the construction of a new turnout and transmission main from the Santa Clara Valley Water District (SCVWD) Milpitas Pipeline. This project will add system reliability and decrease dependence on San Francisco Water Department's Hetch Hetchy system in the North San José service area.

Project Name: Nortech Parkway East Loop Main
5-Year CIP Budget: \$750,000
Total Budget: \$750,000
Council District: 4

Initial Start Date: 3rd Qtr. 2007
Revised Start Date:
Initial End Date: 2nd Qtr. 2009
Revised End Date:

Description: This project constructs approximately 1,000 feet of water main connecting the east end of the Nortech Parkway water main with Holger Way water main.

Project Name: North San Jose Well Site Improvements
5-Year CIP Budget: \$180,000
Total Budget: \$180,000
Council District: 4

Initial Start Date: 3rd Qtr. 2005
Revised Start Date:
Initial End Date: 2nd Qtr. 2006
Revised End Date:

Description: This project funds improvements to the four well sites in North San José, such as telemetry, landscaping, paving, cover, and security improvements.

Water Utility System Capital Program
2005-2009 Adopted Capital Improvement Program
Summary of Projects that Start after 2004-2005

Project Name: Norwood Pump Station Replacement	Initial Start Date: 3rd Qtr. 2006
5-Year CIP Budget: \$800,000	Revised Start Date:
Total Budget: \$800,000	Initial End Date: 2nd Qtr. 2008
Council District: 8	Revised End Date:

Description: This project consists of the replacement and upgrade of an existing pump station that will have reached the end of its useful life.

Project Name: Villa Vista Reservoir Rehabilitation	Initial Start Date: 3rd Qtr. 2006
5-Year CIP Budget: \$250,000	Revised Start Date:
Total Budget: \$250,000	Initial End Date: 1st Qtr. 2008
Council District: 8	Revised End Date:

Description: This project includes the rehabilitation of a 300,000 gallon steel reservoir serving portions of the Evergreen service area.

Project Name: Water Valve Rehabilitation	Initial Start Date: 3rd Qtr. 2005
5-Year CIP Budget: \$250,000	Revised Start Date:
Total Budget: \$250,000	Initial End Date: 3rd Qtr. 2006
Council District: 2 , 4 , 7 , 8	Revised End Date:

Description: This project will locate and exercise all water valves in the field, plot their location, and replace malfunctioning valves.